

PI 552969 to 552970-continued

PI 552970 **origin:** United States. **origin institute:** Iowa Agr. and Home Econ. Exp. Sta., Iowa State University, Ames, Iowa 50011. **cultivar:** MULTILINE E77. **pedigree:** Composite of 10 isolines (CIav 9169, CIav 9170, CIav 9172, CIav 9176, CIav 9178, CIav 9181, CIav 9285, CIav 9286, CIav 9287, CIav 9290) each with CIav 8044 as its recurrent parent. **other id:** CV-310. **source:** Crop Sci. 25(6):1125 1985. **group:** CSR-OAT. **remarks:** Very early maturity, short, and produces predominantly large plump ivory-colored seed with bronze basal tip. Panicles are semicompact and good lodging resistance. Leaves short, upright and dark green. Susceptible to the barley yellow dwarf virus and to the Clintland race of loose smut. Heterogeneous to reaction to crown rust and carries the genes Pg-2 and Pg-4 for reaction to stem rust. Annual. Cultivar. Seed.

PI 552971. *Avena sativa* L. POACEAE Common oat

Donated by: McKenzie, R. I. H., Manitoba Res. Sta. -- Agriculture Canada, 195 Dafoe Rd., Winnipeg, Manitoba, Canada. Received 1986.

origin: Canada. **historical origin:** Canada. **origin institute:** Manitoba Res. Sta. -- Agriculture Canada, Winnipeg, Manitoba R3T 2M9. **cultivar:** RIEL. **pedigree:** RL3057/Otana. **other id:** CV-313. **source:** Crop Sci. 26(6):1256 1986. **group:** CSR-OAT. **other id:** W80474. **other id:** OT231. **remarks:** Adapted to Manitoba where it yielded 4% more than 'Dumont'. Height the same as 'Dumont' with slightly better straw strength. Panicle is equilateral and usually light tan kernels. Lemma has pointed tip. About 2% higher protein content than other Canadian oats. Very susceptible to barley yellow dwarf virus. Contains genes Pc-38 and Pc-39 for crown rust resistance, Pg-2 and Pg-13 for stem rust. Annual. Cultivar. Seed.

PI 552972. *Secale cereale* L. POACEAE Rye

Donated by: Bowden, D. M., Saskatchewan Res. Sta., Agriculture Canada, P.O. Box 1030, Swift Current, Saskatchewan, Canada. Received 1984.